



**DEFENSE LOGISTICS AGENCY**  
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IN REPLY  
REFER TO

DSCC-VAI (Mr. Jeffery Tunstall)( 614)692-0569

February 13, 2004

MEMORANDUM FOR MILITARY/INDUSTRY DISTRIBUTION

SUBJECT: Initial Drafts of MIL-DTL-83413/1B, MIL-DTL-83413/2A, MIL-DTL-83413/3A and MIL-DTL-83413/10A, (Connectors and assemblies, electrical, aircraft grounding), Detail Specifications, Project Numbers 5920-0823, 5920-0824, 5920-0825, 5935-0826.

These initial drafts of the subject documents, dated is now available for viewing and downloading from the DSCC-VA Web site:

<http://www.dsccl.dla.mil/Programs/MilSpec/initialdrafts.asp>

Major changes to these documents include:

Add document #22510 in accordance with FED-STD-595.  
Some editorial corrections.  
General update.

If these documents is of interest to you, provide your comments or suggested changes by e-mail to [Jeffery.tunstall@dlal.mil](mailto:Jeffery.tunstall@dlal.mil) or by fax (614) 692-6939. You may also send comments or suggested changes on Compilation of Comments Form 155, shown at the end of the document posted on the web.

Comments or suggested changes that are not editorial in nature should include justification. Industrial activities should indicate whether they are commenting from the standpoint of a "user" or "manufacturer". Military review activities should forward their comments to their custodian in sufficient time to allow for consolidating the departmental reply. Military departments must identify their comments as either "Essential" or "Suggested." Essential comments, which must be accepted or withdrawn, should be supported by test data unless they obviously do not require test data.

Please return comments to this Center no later than 45 days from the date of this letter. Any further coordination concerning this document will be circulated only to firms and organizations that furnish comments or reply that they have an interest. Please report this

The point of contact for these documents is Mr. Jeffery Tunstall. The preferred method of contact is via e-mail: [Jeffery.tunstall@dlal.mil](mailto:Jeffery.tunstall@dlal.mil). Mr. Tunstall can also be reached at 614-692-0569/DSN 850-0569, or facsimile 614-692-6939, or by e-mail to: [Jeffery.Tunstall@dlal.mil](mailto:Jeffery.Tunstall@dlal.mil)

Sincerely,

/signed/

Richard L. Taylor  
Chief  
Interconnection Devices Team

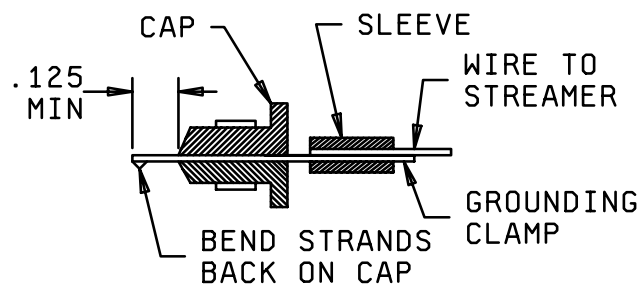
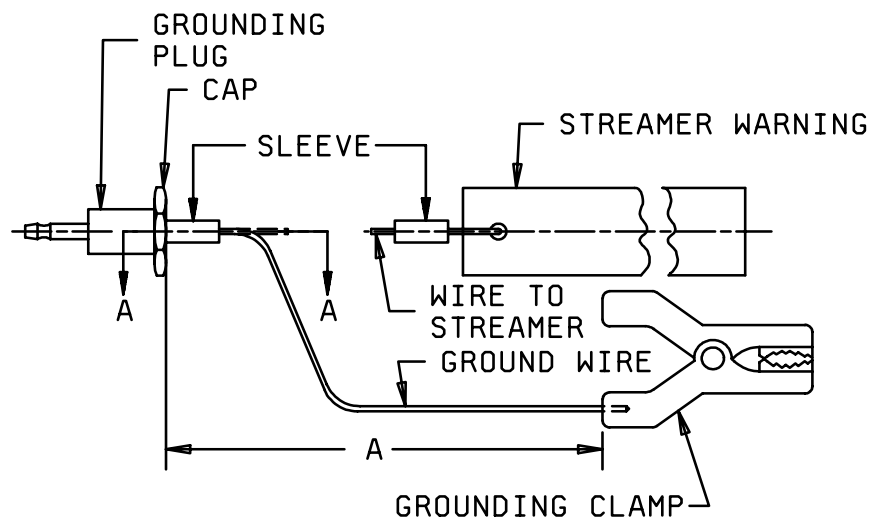
INCH-POUND  
MIL-DTL-83413/1B  
22 March 2001  
SUPERSEDING  
MIL-C-83413/1A  
19 November 1993

## DETAIL SPECIFICATION SHEET

### CONNECTORS AND ASSEMBLIES, ELECTRICAL, AIRCRAFT GROUNDING: TYPE I GROUNDING ASSEMBLY, DISCHARGER, ELECTROSTATIC

This specification is approved for use by all Departments and Agencies of the Department of Defense.

The requirements for acquiring the product described herein shall consist of this specification **sheet** and MIL-**DTL**-83413.



#### SECTION A-A WITH PLUG REMOVED

FIGURE 1. Type I grounding assembly.

# MIL-DTL-83413/1B

## REQUIREMENTS:

Grounding plug: In accordance with MIL-C-83413/4.

Grounding wire: 7 x 7 wire in accordance with MIL-DTL-83420, type II, composition B, jacket color international orange in **22510** accordance with FED-STD-595.

Grounding clamp: In accordance with MIL-~~DTL~~-83413/7.

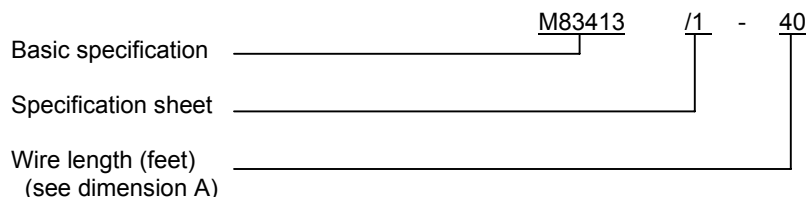
Sleeves: Shall be manufactured from MS20659 terminals.

Warning streamers: Shall be in accordance with NAS1756, and shall be attached securely near the plug. See figure 1.

Splices: Shall not be used.

Assembly resistance: Resistance of the grounding assembly shall not exceed 505 +(6 times A) milliohms.

Part or Identifying Number (PIN):



Wire length shall be 10, 20, or 40 feet  $\pm$  1 foot.

## QUALIFICATION

Qualification is not required for this specification sheet. First article inspection shall be a visual and mechanical inspection in accordance with 4.7.1 of MIL-C-83413.

**Changes from previous issue. Marginal notations are not used in this revision to identify changes with respect to previous issue due to the changes.**

**Reference documents. In addition to MIL-C-83413, this documents references the following:**

**MS20650**  
**MIL-C-83413/7**  
**MIL-DTL-83420**  
**NAS 1756**  
**NASM171401**  
**FED-STD-595**

## CONCLUDING MATERIAL

Custodians:  
 Army - AV  
 Navy - AS  
 Air Force - 11  
 DLA - CC

Preparing activity:  
 DLA - CC

(Project 5920-~~0672~~ 0823)

Review activities:  
 Army - AR, CR, CR4, MI  
 Navy - MC  
 Air Force - 02, 13, 18, 99

NOTE: The activities listed above were interested in this document as of the date of the is document. Since organization and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at [www.dodssp.daps.mil](http://www.dodssp.daps.mil).